Mathematics between Cantor and Cohen, even Bhattacharya and Sirohi
By Shomit Sirohi

I. The Production of an Infinite – what is the Cantor-Event in Set Theory, also the Introduction to Zermelo-Fraenkel Set Theory, and Zermelo independent from A. Fraenkel's Axiom of Choice and Independence which then is the simple movement – structure, and choice, or even limited and relative in Godelian incompleteness theorems.

In fact the production of an infinite, in the sense of infinite numbers which is actually a discovery like all sciences are and not inventions in fact. That there is the formalization of Einstein and even Feynman and Bohr finally is in line with the basic thesis of science that it is a constant which is finally its definition – which though is revised to relativity.

This means that Cantor employs ZFC elementary set theory as a discovery of sets which then orders a progression of what is called Cardinal and Ordinal sets of progressive numbers which then by surjection of belonging, the simple axiom of surject or e, belonging becomes the process of a e b which then is checked to mean, b as higher than a, and also that a c c which then is a transfinite which is finally surjected into the strict and simple Cantorian infinite, which means actually a transfinite in Cohen who simply shifts the ZFC formalism to advanced theories of Zermelo and Fraenkel as in fact a simple strict system of the Cantorian infinite which then is strict surjection and belonging which is incomplete in number series proofs by Godel that in fact the infinite is limited to a simple infinite further which in turn is a strict undecidable proposition in the number infinite series as in fact K, which means a K,H which is simply the problem of continuity in numbers of hierarchical sets of infinites made not possible by a organization of the infinite as simple limited finite sets which are progressing into a normal whole number progress which is then three sets of a e b e c which though is actually only one series of progressions which is finally limited by a undecidable set which precedes the surjection as lower set which is then the basic definition simple Cantorian infinite and its lesser surjection simple finite number as undecidable on the transition from finite to inifinite which is considered undecidable and even choice-like as a critique of Cantor's surjection.

The logic though shifts to Paul Cohen whose proof means a unionization of limited finite Godelian undecidable with the Cantorian proof also of contradiction the simple infinite as in fact two orders of what is two infinite sets in a union of the above process of surjection combined with the below limited to the process of finite and infinite as in fact the process of two movements of Godel and Cantor and Cohen now as a CH set which means a continuum between lower and higher sets which is then strictly transfinite as three as it were sets of infinite. Which involves a forcing of generic mathematics as in fact subset- set and infinite set as the structure of a line which is extended into a unionized bunch of extensions to prove the ZFC system is finally three infinite sets based again on surjection after surjection though forced in logic as in fact a forceable space of Godel,Cantor Cohen which is simply a repetition of the previous two debates.

II. Bhattacharya and Sirohi as Proving the Continuum or CH problem of smaller and higher sets with parallel three infinite sets as in fact 18 – 100 parallel sets in fact which is following the simple hierarchy of parallelism proving a number of possible sciences like category, topoi and surreal number theory – imagine the ZFC choice system being based on formalism of a the structure and its complex movement between the simple and higher and higher still as in fact a formal Aleph structure which is a progression of more infinite similar displacement of the formalism.

Now that the three-tiered structure is established by Cohen in Bhattacharya this is simply the formalism of number as such which then is surjected to pure infinite as beginning and therefore the progression of infinite infiinites as a pure parallel lines of infinite which means generic sub-sets are part of generic number sets which is separate from finite sets and this then forms ZFC as parallel sciences.

Sirohi proves that the infinite parallel sets then has a formal structure of a continuum CH series at the parallel infinite sets which then is lower and higher infintes in fact – the formal structure is therefore a complex formal structure inclusive of what he calls in theory "worlds of numbers in mathematical imagination" which proves that there are surreal number as infinite parallel sets. This re-introduces Cohen as in fact the CH set which then is the basis for in fact surreal choices in sets such as even lower finite Godelian sets as in fact quiescent to the infinite or in fact a another

type of unique infinite – the smaller infinite and the pure infinite and many such CH and cH and Ch sets.

III. ZFC formalism therefore established in advanced mathematics – the physics proofs of Sirohi based and proven purely by Einstein, Bohr and Feynman – what is the physics of numbers.

So in fact the process of physics describes an infinitely complex theory of relativity and constancy where general constancy is proven also as special relativity which though is based on its alternation and dialectical process of high dense complex symbol mathematics – which in mathematics is proven as in fact elementary in parallel and category sets all of which employ ZFC in the sense of complex models of even history or sociology as in fact the complex number of mathematical alternations of simple infinites and higher infinites in Ordinal and Cardinal progress which is the alternating argument of finally foundations history also proven as in fact a simple ZFC formalism which is a theory of all sciences – a symbolic structure and figurative structure which becomes a complex unionization which produces a simple line theory which analogizes to in fact a formalism called ZFC modern system – the simple infinite is part of the higher infinite with complex CH symbolic logic from Bhattacharya which then is manipulated symbolic process of dense complex logic which then encasts the simple-higher as proven in formalism.

ZFC is now a simple formalism of belonging which proves a complex infinite at each point. Like a simple game theory which proves infinite sets as well. Imagine now the production of the number-infinite is the very movement of each ZFC set – in economics as well it produces a line which is infinite which is complex numbers of infinite currently called a financial economics of accounts which though is simply finite – if transferred to ZFC this financial cycle is surjection which means economics and ZFC together proves an initial company to begin at financial cycle which though is then regulated by human sciences to mean simply company values begin at 30 trillion if in fact they employ say game theory.

IV. Humanities and Sciences – how do they relate? In ZFC formalism

In fact therefore human sciences integrate at the infinite but then become humanized to the progoress of say sociological formalism of a company or hospital which introduces a finite example of the infinite.